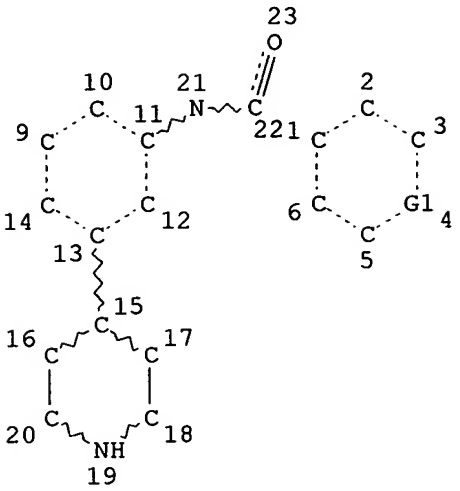
=> d l1
L1 HAS NO ANSWERS
L1 STR



VAR G1=C/N
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
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NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

=> s l1 ful
FULL SEARCH INITIATED 14:54:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 11035 TO ITERATE

100.0% PROCESSED 11035 ITERATIONS 52 ANSWERS
SEARCH TIME: 00.00.01

L3 52 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	163.05	163.26

FILE 'CAPLUS' ENTERED AT 14:54:28 ON 14 DEC 2005

FILE COVERS 1907 - 14 Dec 2005 VOL 143 ISS 25
FILE LAST UPDATED: 13 Dec 2005 (20051213/ED)

=> s l3
L4 9 L3

=> d bib 1-9

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:1016895 CAPLUS
DN 143:415586
TI G-Protein-Coupled Receptor Affinity Prediction Based on the Use of a Profiling Dataset: QSAR Design, Synthesis, and Experimental Validation
AU Rolland, Catherine; Gozalbes, Rafael; Nicolaie, Eric; Paugam, Marie-France; Coussy, Laurent; Barbosa, Frederique; Horvath, Dragos; Revah, Frederic
CS Cerep, Rueil-Malmaison, 92500, Fr.
SO Journal of Medicinal Chemistry (2005), 48(21), 6563-6574
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:614589 CAPLUS
DN 143:133286
TI Preparation of 4-arylpiperidines as selective antagonists of melanin concentrating hormone-1 (MCH1) receptors.
IN Marzabadi, Mohammad R.; Wetzel, John M.; Chen, Chien-An; Deleon, John E.; Jiang, Yu; Lu, Kai
PA Synaptic Pharmaceutical Corporation, USA
SO U.S. Pat. Appl. Publ., 23 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005154020	A1	20050714	US 2004-757962	20040114
WO 2005069834	A2	20050804	WO 2005-US1131	20050113

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2004-757962 A2 20040114

OS MARPAT 143:133286

L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:611839 CAPLUS
DN 143:133280
TI Preparation of 4-arylpiperidines as selective antagonists for melanin concentrating hormone-1 (MCH1) receptors.
IN Marzabadi, Mohammad R.; Wetzel, John M.; Chen, Chien-An; Deleon, John E.; Jiang, Yu; Lu, Kai
PA H. Lundbeck A/S, USA
SO U.S. Pat. Appl. Publ., 29 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005154022	A1	20050714	US 2005-34611	20050113
PRAI	US 2004-536585P	P	20040114		

OS MARPAT 143:133280

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:780358 CAPLUS
DN 141:295863
TI Preparation of N-(piperidinylalkyl)benzenealkanamides as selective MCH1 receptor antagonists for treatment of obesity and other conditions
IN Marzabadi, Mohammad R.; Wetzel, John M.; Chen, Chien-An; Jiang, Yu; Lu, Kai
PA Synaptic Pharmaceutical Corporation, USA
SO U.S. Pat. Appl. Publ., 87 pp., Cont.-in-part of U.S. Pat. Appl. 2004 73,036.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004186103	A1	20040923	US 2004-753057	20040106
	WO 2003004027	A1	20030116	WO 2002-US21063	20020703
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
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	US 2004073036	A1	20040415	US 2003-345063	20030114
	CA 2509456	AA	20040805	CA 2004-2509456	20040106
	WO 2004064764	A2	20040805	WO 2004-US175	20040106
	WO 2004064764	A3	20050113		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
	EP 1590326	A2	20051102	EP 2004-700366	20040106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	NO 2005003838	A	20050815	NO 2005-3838	20050815
PRAI	WO 2002-US21063	A2	20020703		

	US 2003-345063	A2	20030114
	US 2001-899794	A	20010705
	US 2002-42582	A	20020109
	WO 2004-US175	W	20040106

OS MARPAT 141:295863

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:101130 CAPLUS
DN 140:145898
TI Preparation of benzanilides as modulators of the chemokine CCR5 receptor
IN Bondinell, William E.; Neeb, Michael J.
PA Smithkline Beecham Corporation, USA
SO PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004011427	A2	20040205	WO 2003-US23343	20030728
	WO 2004011427	A3	20050203		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2002-400085P P 20020731
OS MARPAT 140:145898

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:100953 CAPLUS
DN 140:128157
TI Preparation of benzanilides as modulators of the CCR5 receptor
IN Bondinell, William E.; Neeb, Michael J.
PA Smithkline Beecham Corporation, USA
SO PCT Int. Appl., 94 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004010943	A2	20040205	WO 2003-US23524	20030728
	WO 2004010943	A3	20040916		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2002-400257P P 20020731
OS MARPAT 140:128157

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:41443 CAPLUS
DN 140:93936
TI Preparation of secondary amino anilinic piperidines as selective MCH1 antagonists with therapeutic uses
IN Marzabadi, Mohammad; Jiang, Allen; Lu, Kai; Chen, Chien-An; Deleon, John; Wetzel, John
PA Synaptic Pharmaceutical Corporations, USA
SO PCT Int. Appl., 129 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004005257	A1	20040115	WO 2003-US21391	20030703
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2485379	AA	20040115	CA 2003-2485379	20030703
	BR 2003012257	A	20050412	BR 2003-12257	20030703
	EP 1556351	A1	20050727	EP 2003-763374	20030703
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2005532399	T2	20051027	JP 2004-520047	20030703
	US 2005245743	A1	20051103	US 2004-518675	20041217
	NO 2005000113	A	20050110	NO 2005-113	20050110
PRAI	US 2002-189145	A2	20020703		
	WO 2003-US21391	W	20030703		

OS MARPAT 140:93936
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:724180 CAPLUS
DN 126:8121
TI Preparation of N-phenylbiphenylcarboxamide derivatives as 5HT1D antagonists
IN Gaster, Laramie Mary; Mulholland, Keith Raymond
PA Smithkline Beecham Plc, UK
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9631508	A1	19961010	WO 1996-EP1465	19960402
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 819126	A1	19980121	EP 1996-910020	19960402
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL, FI				
	JP 11503143	T2	19990323	JP 1996-529986	19960402
	US 5919932	A	19990706	US 1997-930848	19971007
PRAI	GB 1995-7203	A	19950407		

WO 1996-EP1465 W 19960402
OS MARPAT 126:8121

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1945:3199 CAPLUS
DN 39:3199
OREF 39:522c-f
TI Configuration of some 4,5-diarylpiperidones
AU Koelsch, C. F.; Raffauf, Robert F.
SO Journal of the American Chemical Society (1944), 66, 1857-8
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
OS CASREACT 39:3199

=> d bib abs hitstr 8-9

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1996:724180 CAPLUS
DN 126:8121
TI Preparation of N-phenylbiphenylcarboxamide derivatives as 5HT1D antagonists
IN Gaster, Laramie Mary; Mulholland, Keith Raymond
PA Smithkline Beecham Plc, UK
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9631508	A1	19961010	WO 1996-EP1465	19960402
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 819126	A1	19980121	EP 1996-910020	19960402
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL, FI				
	JP 11503143	T2	19990323	JP 1996-529986	19960402
	US 5919932	A	19990706	US 1997-930848	19971007
PRAI	GB 1995-7203	A	19950407		
	WO 1996-EP1465	W	19960402		

OS MARPAT 126:8121
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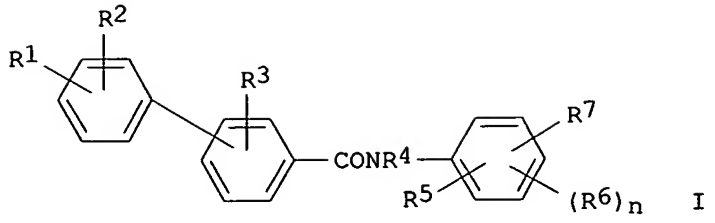

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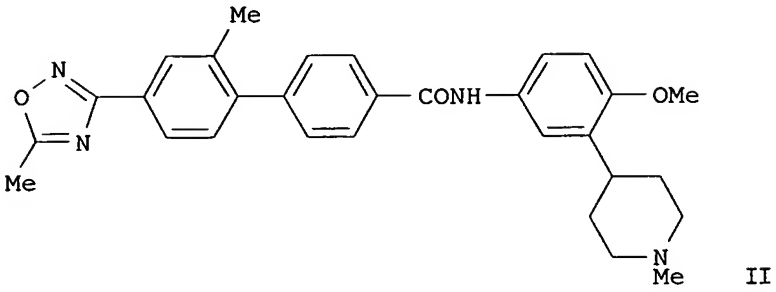


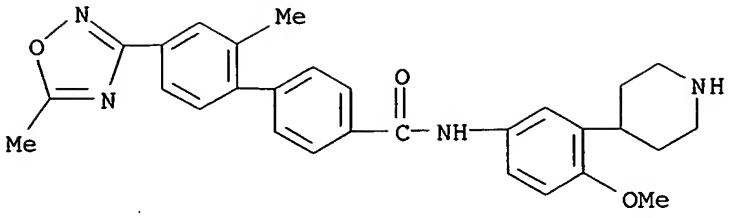
II

AB Novel biphenyl amide derivs. [I; R1 = H, halo, C1-6 (hydroxy)alkyl or (hydroxy)alkoxy, C3-6 cycloalkyl, C1-6 alkylcarbonyl, HO, C1-6 alkoxy-C1-6 alkyl, acyl, NO2, CF3, cyano, S(O)nR9 (n = 0, 1,2), SO2NR10R11, CO2R10, NR10SO2R11, CONR10R11, (un)substituted 5- to 7-membered heterocyclyl containing 1-3 heteroatoms selected from O, N, and S, etc.; wherein R9 - R11 = H, C1-6 alkyl; R2, R3 = H, halo, C1-6 alkyl, C3-6 cycloalkyl or cycloalkenyl, C1-6 alkoxy, C1-6 hydroxyalkyl, C1-6 alkoxy-C1-6 alkyl, acyl, aryl, acyloxy, OH, NO2, CF3, cyano, CO2 R10, CONR10R11, NR10R11; wherein R10, R11 = same as above; R4 = H, C1-6 alkyl; R5 = H, halo, HO, C1-6 alkyl or alkoxy; or R4 and R5 together form (CR12R13)q or (CR12R13)rD; wherein q = 2,3,4; R12, R13 = H, C1-6 alkyl; r = 0, 1-3; D = O, S, CR12:CR13; R6 = 5- to 7-membered saturated or partially saturated heterocyclyl containing 1-3 heteroatoms selected from O, N, and S, (un)substituted [6.6] or [6.5] bicyclic ring containing a N atom and optionally a further heteroatom selected from O, N, and S], which are 5HT1D antagonists and useful for the treatment of central nervous system (CNS) disorders, are prepared Thus, 2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)biphenyl-4-carboxylic acid was stirred with oxalyl chloride in the presence of one drop of DMF for 2 h to the crude acid chloride, which was condensed with 4-(5-amino-2-methoxyphenyl)-1-methylpiperidine (preparation given) in the presence of Et3N in CH2Cl2 to give the title compound, N-(piperidinylphenyl)oxadiazolylbiphenylcarboxamide derivative (II).

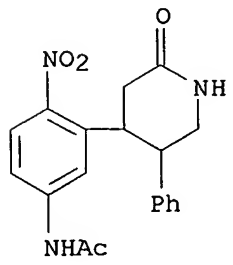
IT **183810-03-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-phenylbiphenylcarboxamide derivs. as 5HT1D antagonists for treatment of central nervous system disorders)

RN 183810-03-9 CAPLUS

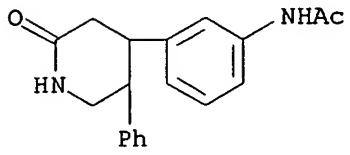
CN [1,1'-Biphenyl]-4-carboxamide, N-[4-methoxy-3-(4-piperidinyl)phenyl]-2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1945:3199 CAPLUS
DN 39:3199
OREF 39:522c-f
TI Configuration of some 4,5-diarylpiperidones
AU Koelsch, C. F.; Raffauf, Robert F.
SO Journal of the American Chemical Society (1944), 66, 1857-8
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
OS CASREACT 39:3199
AB The 2 forms of 4,5-diphenyl-2-piperidone (I) (C. A. 38, 102.3), m. 192-4° and 177-8°, are shown to be the cis and trans forms through a synthesis of Beckmann rearrangements of the oximes of the 2 known forms of 3,4-diphenylcyclopentanone (C. A. 33, 5368.4). m-H2NC6H4CH:CHCO2Et (50 g.) and 46 g. PhCH2CN in 40 ml. EtOH containing 2 g. Na (temperature rise to 75°) give 86% of Et β-(m-aminophenyl)-γ-phenyl-γ-cyanobutyrate (II), which could not be distilled or crystallized; the picrate, yellow, m. 181-2°. Hydrogenation of II in EtOH with Raney Ni at 150° and 100 atmospheric gives 56% of 4-(m-aminophenyl)-5-phenyl-2-piperidone (III), the 2 forms of which were separated by crystallization from C6H6; the cis-III m. 183.5-4.5°; the trans-III m. 173.5-5°; the 2 A c derivs. m. 206.5-7.5° and 233-4.5°. Nitration of the cis-Ac derivative in AcOH gives a poor yield of 4-[5-acetamido-2(?)-nitrophenyl]-5-phenyl-2-piperidone, yellow, m. 252-7° (decomposition). The 2 forms of III, through the diazo reaction, give the 2 forms of I. The diazo solns. with KI give the cis-4-(m-iodophenyl) analog, m. 146-9°, and the trans isomer, m. 180-2.5°; the cis-4-(m-hydroxyphenyl) analog m. 232-3° and the trans isomer m. 218-24° (36 and 38% yields, resp.); the 2 Me ethers m. 100-2° and 184-5°. Reduction of cis-III with Na gives cis-4-(m-aminophenyl)-3-phenylpiperidine, b9 230-5°; the salts were hygroscopic solids or oils.
IT **857620-86-1**, Acetanilide, 4-nitro-3-(2-oxo-5-phenyl-4-piperidyl)-
858263-40-8, 2-Piperidone, 4-(m-acetamidophenyl)-5-phenyl-
(preparation of)
RN 857620-86-1 CAPLUS
CN Acetanilide, 4-nitro-3-(2-oxo-5-phenyl-4-piperidyl)- (4CI) (CA INDEX NAME)



RN 858263-40-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



AN 2002:965133 CAPLUS
DN 138:39277
TI Preparation of N-thiazolyl-N'-pyridyl ureas as antitumor agents
IN Askew, Benny C.; De Morin, Frenel F.; Hague, Andrew; Laber, Ellen; Li, Aiwen; Liu, Gang; Lopez, Patricia; Nomak, Rana; Santora, Vincent; Tegley, Christopher; Yang, Kevin
PA Amgen, Inc., USA
SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U. S. Ser. No. 930,753.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002193405	A1	20021219	US 2002-77124	20020215
	US 6645990	B2	20031111		
	US 2002173507	A1	20021121	US 2001-930753	20010814
	CA 2476411	AA	20030828	CA 2003-2476411	20030213
	WO 2003070727	A1	20030828	WO 2003-US4537	20030213
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
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	EP 1483263	A1	20041208	EP 2003-711046	20030213
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	US 2004044044	A1	20040304	US 2003-632044	20030730
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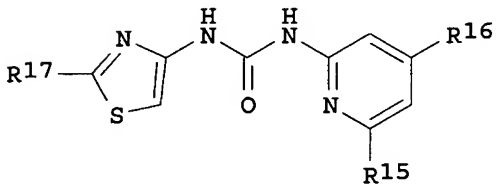
OS MARPAT 138:39277
GI



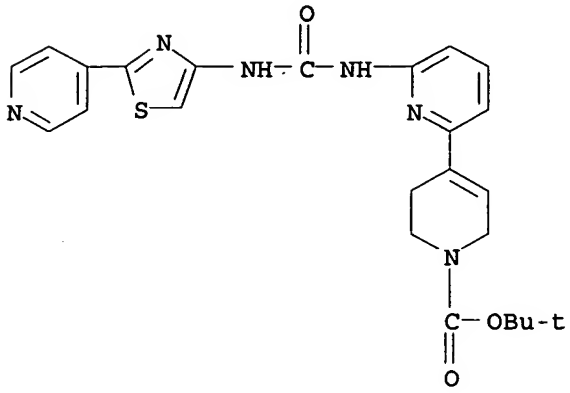
I

AB The title compds. [I; R15 = H, heterocyclyl, Ph, etc.; R16 = H, heterocyclylcarbonyl, alkylaminocarbonyl, etc.; R17 = halo, alkyl, cycloalkyl, etc.; provided only one of R15 and R16 = H] which are effective for prophylaxis and treatment of diseases, such as cell proliferation or apoptosis mediated diseases involving stroke, cancer and the like, were prepared Thus, heating 2-phenyl-4-thiazolylcarbonylazide with 6-(3-methylpiperidin-1-ylmethyl)pyridin-2-ylamine in PhMe afforded the urea I [R15 = 3-methylpiperidin-1-ylmethyl; R16 = H; R17 = Ph] which showed cdk2/cyclin and cdk5/p25 kinase activity with IC50 of < 0.5 μM.
IT **478365-42-3P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of N-thiazolyl-N'-pyridyl ureas as antitumor agents)

RN 478365-42-3 CAPLUS

CN [2,4'-Bipyridine]-1'(2'H)-carboxylic acid, 3',6'-dihydro-6-[[[[2-(4-pyridinyl)-4-thiazolyl]amino]carbonyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



IT **478365-35-4P 478365-37-6P 478365-40-1P 478365-41-2P 478365-43-4P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-thiazolyl-N'-pyridyl ureas as antitumor agents)

RN 478365-35-4 CAPLUS

CN Urea, N-[2-(4-pyridinyl)-4-thiazolyl]-N'-(1',2',3',6'-tetrahydro-1'-methyl[2,4'-bipyridin]-6-yl)- (9CI) (CA INDEX NAME)